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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/646,656	08/21/2003	Richard James Axe	1-24694	9928
4859	7590 05/20/2004		EXAMINER	
MACMILLAN SOBANSKI & TODD, LLC ONE MARITIME PLAZA FOURTH FLOOR			NORMAN,	MARC E
	720 WATER STREET TOLEDO, OH 43604-1619		ART UNIT	PAPER NUMBER
TOLEDO, C			3744	

DATE MAILED: 05/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Andine Court	10/646,656	AXE, RICHARD JAMES
Office Action Summary	Examiner	Art Unit
	Marc E. Norman	3744
The MAILING DATE of this communication apperiod for Reply	pears on the cover sheet wi	h the correspondence address
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reg. - If NO period for reply is specified above, the maximum statutory period. - Failure to reply within the set or extended period for reply will, by statul Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	.136(a). In no event, however, may a re only within the statutory minimum of thirty I will apply and will expire SIX (6) MON te. cause the application to become AB	ply be timely filed (30) days will be considered timely. HS from the mailing date of this communication.
Status		
1) Responsive to communication(s) filed on 21 A	<u>August 2003</u> .	
2a) This action is FINAL . 2b) ⊠ Thi	s action is non-final.	
3) Since this application is in condition for allows closed in accordance with the practice under		
	Ex parte Quayle, 1955 C.D.	11, 453 O.G. 213.
Disposition of Claims		•
4) Claim(s) <u>1-16</u> is/are pending in the application 4a) Of the above claim(s) is/are withdra 5) Claim(s) is/are allowed. 6) Claim(s) <u>1-6,8-11 and 14-16</u> is/are rejected. 7) Claim(s) <u>7,12 and 13</u> is/are objected to. 8) Claim(s) are subject to restriction and/o	wn from consideration.	
Application Papers		
9) The specification is objected to by the Examine 10) The drawing(s) filed on 21 August 2003 is/are: Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Example 11.	a)⊠ accepted or b)⊡ obj drawing(s) be held in abeyand tion is required if the drawing(s	e. See 37 CFR 1.85(a).) is objected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
a) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureat * See the attached detailed Office action for a list	ts have been received. Is have been received in Ap rity documents have been r u (PCT Rule 17.2(a)).	plication No eceived in this National Stage
Attachment(s)		
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 3/11/04. 	Paper No(s)	mmary (PTO-413) Mail Date ormal Patent Application (PTO-152)

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6, 8-11, and 14-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Barr et al.

As per claim 1, Barr et al. discloses a temperature sensitive valve 18 including a passageway (44 & 46; see column 3, lines 39-40), valve member 88 movable between first & second positions, retaining member 146 movable with the valve and engaged with holding device 140 in a first position while the temperature is below a threshold, and release actuator 150 movable when the temperature reaches a threshold to disengage the retaining member 146 and the holding device 140, to permit valve member 88 to move to the second position (column 5, lines 27-35).

As per claim 2, Barr et al. discloses the valve member being pivotal about shaft 86.

As per claim 3, Barr et al. discloses valve member 88 being a flap (Figure 2) which in the first position allows flow and in the second position engages valve seat 48 to close the passageway.

As per claim 4, Barr et al. discloses biasing device 114.

As per claim 5, Barr et al. discloses valve member 88 remaining in the second position.

Art Unit: 3744

As per claim 6, Barr et al. discloses retaining member 146 being movable by the release actuator 150 to allow the retaining member and the holding device to disengage at the threshold temperature (column 5, lines 27-35).

As per claim 8, Barr et al. discloses release actuator 150 parting the retaining member and the holding member.

As per claim 9, Barr et al. discloses holding device 140 being a latching lever (column 5, line 6).

As per claim 10, Barr et al. discloses latch 140 being pivoted (about axis 84; see Figures 3 and 4).

As per claim 11, Barr et al. discloses latch biasing device 134.

As per claim 14, Barr et al. discloses the release actuator 150 including a thermally sensitive substance (solder) which expands (melts) as the temperature approaches the threshold temperature, thereby allowing the movable retaining member 146 to disengage from the holding device 140.

As per claims 15 and 16, Barr et al. discloses release actuator 150 being mounted in combination with both the valve member and the valve body (Figures 2 and 3).

Allowable Subject Matter

Claims 7, 12, and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc E. Norman whose telephone number is 703-305-2711. The examiner can normally be reached on Mon.-Fri., 8:00-5:30, with first Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Denise Esquivel can be reached on 703-308-2597. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MN

MARC NORMAN PRIMARY EXAMINER